



CULTEC, Inc.
 Brookfield, CT
 1-800-4-CULTEC
 www.cultec.com

RECHARGER™ • CONTACTOR™
 Quality Stormwater & Septic Chambers

JOB AART - RR Track Crossing
 SHEET NO. 1 OF 3
 CALCULATED BY C34 DATE 9/7/06
 CHECKED BY _____ DATE _____
 SCALE _____

Retaining Wall

		4'	6'	8'	10'	12'
0 → 6	96.5 = 101'	63.5	63.5			
6 → 0	26'					
<hr/>						
0 → 13'	80 + 5 = 85'	28		28		28
4'	10'	10				
11 → 0	26	13			13	
<hr/>						
0 → 6	30 + 5 = 35'	7.5	7.5			
2' → 0	48'	48				
10 → 0	26				3	
0 → 2	14					
<hr/>						
	371	207	81	28	20	28

NC
 Pg 389
 207 x \$114.5 = \$23702
 81 x \$163.5 = 13244
 28 x \$217.5 = 6090
 26 x \$320 = 8320
 28 x \$399 = 11172
\$62528

Maple St to Bridge

6' high x 15 ft x \$163.5 = \$2453

62528
 + 2453
\$64981

Average Retaining wall unit price = \$169

\$169 x 370 ft = \$62,530

Total Retaining Wall cost = \$65,000



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SHEET NO. 2 OF 3
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Bikeway surface

$$\text{Approx length} = 242 + 10 = 252$$
$$\begin{array}{r} 20 \\ \hline 272 \text{ ft} \end{array}$$

Concrete

6" thick
8" gravel base
8' wide

\$30.5 / LF

NC
AS 388

$$30.5 \times 2 = \$61 / \text{LF} \quad (10' \text{ wide surface})$$

$$\frac{\$61}{\text{ft}} \times 275 \text{ ft} = \$16,775 \approx \boxed{\$17,000}$$

Railing

$$\text{TT O'Grady } \$10000 / \text{fence} \cdot \times 43 \text{ ft Length} \approx \$233 / \text{LF}$$

$$371 - 101 = 270 \text{ ft}$$

$$270 \text{ ft} \times \frac{\$233}{\text{ft}} = \$62910 \approx \boxed{\$63,000}$$

Guardrail

Approx Length 120 ft

$$\text{Removal} = 120 \text{ ft} \times 10 / \text{ft} = 1200 \text{ ft}$$

$$\text{F+I} = 120 \text{ ft} \times 32 / \text{ft} = 3840 \text{ ft}$$

$\boxed{\$5040}$



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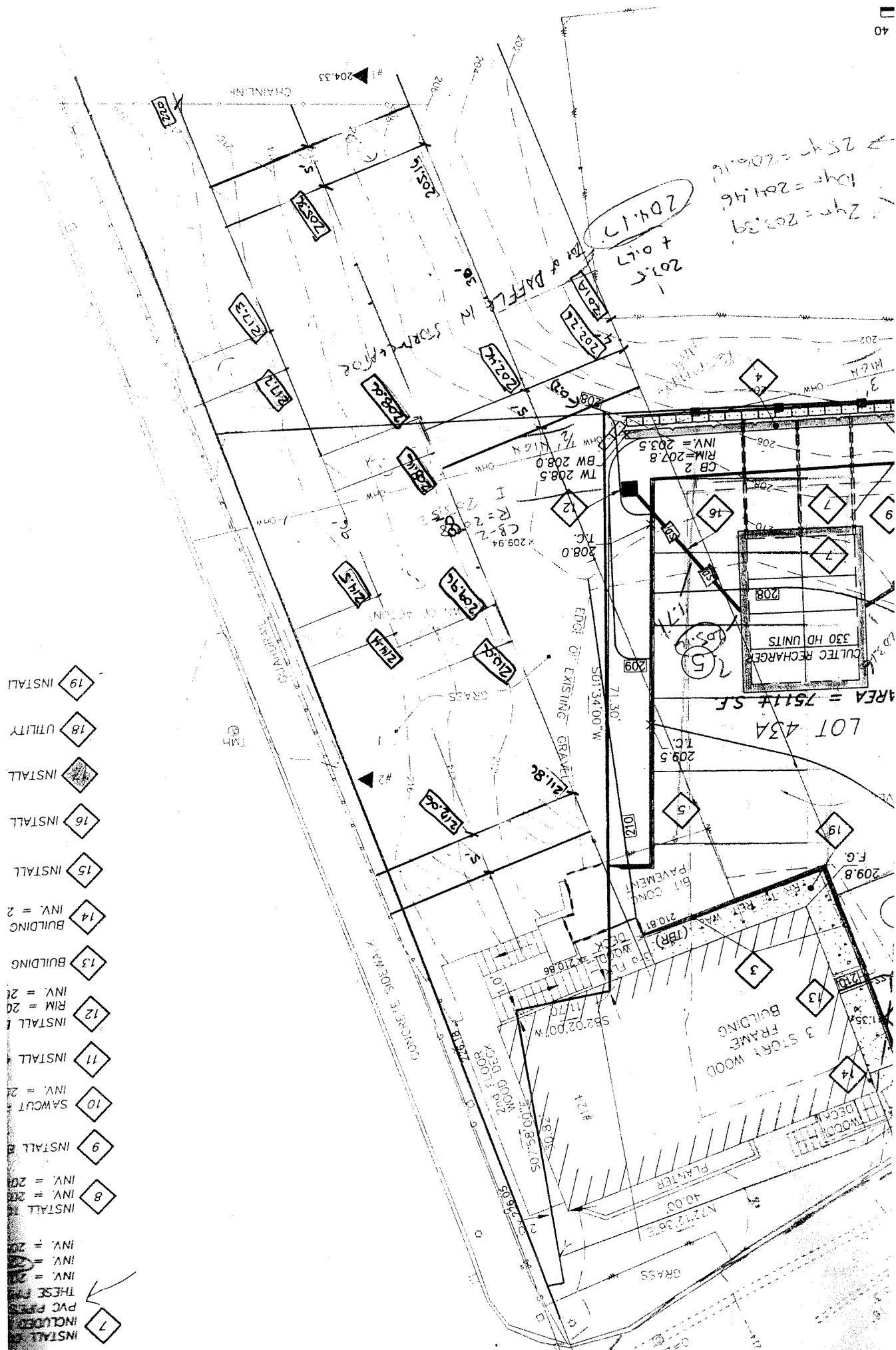
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Cost Summary for Bridge Ramps

Ret. Walls	\$65,000
Walkway	\$17,000
Railings	\$63,000
Guardrail	\$5,040
Landscaping	<u>\$15,000</u>
Sub-total	\$165,040
10% contingency	16,504
Total	<u>\$181,544</u>

Pre-Fab Bridge over RR Tracks =



We are pleased to quote a pedestrian Continental® Bridge
Contech Bridge Solutions will Design, Fabricate and Deliver the following:

Please deliver this fax to:		Date: <u>9/7/2006</u>	
Contact: Corey York Town of Acton		Project: <u>Assabet River Rail Trail</u> City, St: <u>Acton MA</u>	
		Preliminary Price	\$108,000 (F.O.B. destination shown above)
Bridge Size	95 X 10.25	Camber	1%
Model	H-Section-one diagonal	Live Load	85 psf
Finish	Weathering Steel	Vehicle Load	40000 LB
Decking	Galvanized Form Deck for Concrete		
Assuming 30 degree skew on each bridge end		Design Code:	AISC Stresses
Accessories:		No. of Sections	2
Safety Rails:	Vertical pickets 4in. (inside)	Lifting Weight	48600 Lbs
Toe Plate:	Yes		
Wood Rub Rail:	Yes		
Pipe Hand Rail:	None		
Drawings signed by PE in the State of: MA			

The above pricing does not include any applicable taxes, anchor bolts, foundation design or construction, unloading or erection costs.

Terms of Sale and deposit will be determined at the time of final quote.

Codes: Structural Welding Code (ANSI/AWS D1.1).

Weathering Steel Bridges: Steel Structures Painting Council Surface Preparation Specifications No. 7
Brush-Off Cleaning, SSPC-SP7

The following will be the responsibility of others:

1. All construction surveying, including field measurement and verification of abutments and anchor bolt placement, erection of the bridge.
2. Design, excavation and construction of bridge foundations including anchor bolts.
3. Touch up painting (Painted Bridges only).
4. Provide and install reinforcing and concrete deck (Concrete deck bridges only).

This quote will expire 60 days from the date issued unless otherwise specified by Continental. We appreciate the opportunity to provide you with this proposal.

Sincerely,
CONTECH BRIDGE SOLUTIONS

Jodi Seidl

Jodi Seidl
Sales Support Coordinator

Corey York

From: Seidl, Jodi [SeidlJ@contechbridge.com]
Sent: Thursday, September 07, 2006 3:39 PM
To: Corey York
Subject: RE: Assabet River Rail Trail

COREY: Here is your budget. However, our Estimator said that with the 40,000 lb vehicle load, we would need to build this as an I-section (where the deck is raised up within the side trusses) to accomodate that load with the chords. The dimension from top of deck to abutment would be 35".

Let us know how your grant goes, & if you move ahead. Thanks!

Jodi Seidl
Sales Support Leader
CONTECH Bridge Solutions Inc.

3301 State Hwy 29 North
Alexandria, MN 56308
Office: 800-328-2047
Fax: 320-852-7067
www.continentalbridge.com

SeidlJ@contechbridge.com

Please note new email address